
DESCRIPTIVE TITLE OF THE INVENTION

[0001] Mechanical toilet seat lift

CROSS-REFERENCE TO RELATED APPLICATIONS

[0002]

1 1,276,472 8/1918 Zeen 2,136,684 11/938 Greavu

STATEMENT REGARDING FEDERALLY SPONSORED R&D

[0003] Not Applicable

REFERENCE TO A MICROFICHE

[0004] Not Applicable

BACKGROUND OF THE INVENTION

[0005] The current invention is designed to raise and lower toilet seats and lids without the use of hands by the use of one foot lever. Concerns to avoid unsanitary contact with toilet lids, the germs thereof and the unnecessary bending over for someone with back problems have given way to many ideas of different art. A few of these ideas are noted in the following U.S. patents:

[0006] U.S. patent No. 1,276,472 to Zeen-devises for raising and lowering water closet seats and lids.

[0007] U.S. patent No. 2,136,684 to Greavu-a raising and lowering mechanism for the seat or cover of the bowl.

BRIEF SUMMARY OF THE INVENTION

[0008] The current invention will help in the effort of the prevention of spreading of germs and can be easily on most all floor mounted toilets commercial or residential.

[0009] If someone is experiencing back pain from bending over while lifting a toilet seat the current invention will eliminate this problem. It can be installed in a matter of minutes with just a few house tools by someone with no prior knowledge of construction skills.

BRIEF DESCRIPTION OF THE DRAWINGS

[0010] Figur #1 Shows a toilet s at in a closed position with the mechanical toilet seat lift installed and all of the parts numbered and labeled.

[0011] Fig.#2 Shows each individual part of the current invention labeled and numbered

DETAILED DESCRIPTION

[0012] (F-6) on the drawings is the u-shaped foot pedal which wraps around the base of the toilet and moves up and down when stepped on and off of.

[0013] (E-5) on the drawings is one of two eye-bolts that are required to stand on both sides of the toilet vertically so that the foot pedal can be mounted to it with a pin running through it and the u-shaped foot pedal, creating a hinged pivot point for the pedal.

[0014] (d-4) on the drawings is one of two flat rectangular shaped bars which lay flat horizontally on the bottom of the toilet with a threaded bolt sitting on one end of the rectangular shaped bar vertically allowing the adjusting eye bolt to be screwed down onto. At the other end of the flat rectangular bar is a hole where it can be mounted to the pre-existing toilet mounting stud.

[0015] B2. on the drawings is one of two adjustable push arms that connects to the end of the u-shaped foot pedal and runs up the back sides of the toilet vertically connecting to the ball brackets

[0016] (A-1) on the drawings is one of two adjustable ball brackets that connects to the underside of the back-end of the toilet seat by either screws or clamps. The ball stud that is attached to the L-shaped ball bracket links to the adjustable push-arm so that when the adjustable u-shaped foot-pedal is stepped on it moves in a downward motion and the back -end of the pedal moves upward forcing the adjustable push-arm to lift upward and in one motion lift the toilet seat to a desired pre-adjusted position.

CLAIMS

[0017] What I claim is: A toilet seat and toilet lid lifting aid to lift said toilet seat and or lid without the use of hands by stepping on a metal or sturdy non-rusting u-shaped foot pedal at the base of the toilet that connects from one side of the base of the toilet and connects to the other side at the base of the toilet by a pin that runs through an eye-bolt and the u-shaped foot-pedal and allows said pedal to to swivel in an upward and downward movement. Said eye-bolt is standing in a vertical position connected to the front end of a flat rectangular shaped bracket that lays flat on the base of the toilet. At the back -end of the flat rectangular bracket is a hole where said bracket connects to the pre-existing studs that mount the toilet body. At the two ends of the u-shaped foot pedal there is a rod push arm connected. This said arm extends vertically upward and is connected to another L-shaped bracket that is connected to the toilet seat.